00279 Practitioner's Docket No.

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.' " M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

Paul Entwistle

For (title):

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

Data Transport Streams Processing

CERTIFICATION UNDER 37 C.F.R. § 1.10°

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date _ as "Express Mail Post Office to Addressee," mailing Label Number $\underline{\mathrm{EL}1975}$ dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

> <u>Amy Miles</u> print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

"WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing, 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal [4-1]—page 1 of 11)





1. Type of Application

This new application is for a(n)

(check one applicable item below)

χĪχ	a 1	Original (nonprovisional)
	3	Design
		☐ Plant
WARNII	NG:	Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
WARNI	NG:	Do not use this transmittal for the filing of a provisional application.
NOTE:	TR	one of the following 3 Items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION IANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.
] .	Divisional.
		Continuation.
	3	Continuation-in-part (C-I-P).
. Ber	æfi	it of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
 - (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(f) within the time period set forth in § 1.53(f).
- 37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following Item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICA-TION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c), (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(New Application Transmittal [4-1]-page 2 of 11)

FORM 4-1

WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

FORM 4-1

XXX The new application being transmitted claims the benefit of priorXX.SX application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL

3. Papers Enclosed	3.	Par	oers	En	clos	sed
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Citations

	WH	ERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3. Pape	rs En	closed
		d for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 Application
F	Pages	of specification
_3 F	Pages	of claims
_1 \$	Sheets	s of drawing
WARNIN	filir sm dre the Fo	NOT submit original drawings. A high quality copy of the drawings should be supplied when ng a patent application. The drawings that are submitted to the Office must be on strong, white, tooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the twings are necessary, they should be made to the original drawing and a high-quality copy of a corrected original drawing then submitted to the Office. Only one copy is required or desired. It comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G62).
1	invento the Offic on the	ying indicia, if provided, should include the application number or the title of the invention, it's name, docket number (if any), and the name and telephone number of a person to call if see is unable to match the drawings to the proper application. This information should be placed back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top page " 37 C.F.R. § 1.84(c)).
		(complete the following, if applicable)
	"PE	enclosed drawing(s) are photograph(s), and there is also attached a TITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." C7 C.F.R84(b).
x⊠	form	nal
	info	rmal
_		apers Enclosed
		of declaration and power of attorney
_1	Pages	of abstract
	Other	
4. Addi	tiona	papers enclosed
	Am	endment to claims
		Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
		Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
Χ Æ	k Pre	liminary Amendment
	Info	ormation Disclosure Statement (37 C.F.R. § 1.98)
_	Eo.	m PTO_1440 /PTO/SP/084 and 08P)





	Decla	ration of Biological Deposit
	perta	ission of "Sequence Listing," computer readable copy and/or amendment ning thereto for biotechnology invention containing nucleotide and/or acid sequence.
	Authorive	rization of Attomey(s) to Accept and Follow Instructions from Representa-
	Spec	al Comments
	Othe	
		or oath (including power of attorney)
NOTE:	the prior by all or application the signal by a state being fill declaration person usexecuted	executed declaration is not required in a continuation or divisional application provided that monprovisional application contained a declaration as required, the application being filed is fewer than all the inventors named in the prior application, there is no new matter in the in being filed, and a copy of the executed declaration filed in the prior application (showing ture or an indication thereon that it was signed) is submitted. The copy must be accompanied ement requesting deletion of the names of person(s) who are not inventors of the application and. If the declaration in the prior application was filed under § 1.47, then a copy of that on must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning order § 1.47 has subsequently joined in a prior application, then a copy of the subsequently declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)–(3).
NOTE:	is directe abbrevia country C.F.R. §	ation filed to complete an application must be executed, identify the specification to which it d, identify each inventor by full name including family name and at least one given name, without tion together with any other given name or initial, and the residence, post office address and or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 1.63(a)(1)-(4).
NOTE:	as preso as preso is that in this par	entorship of a nonprovisional application is that inventorship set forth in the oath or declaration ribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration ribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship ventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under tograph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name is of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).
X	S Enc	osed
	Exe	cuted by
		(check all applicable boxes)
	XX	inventor(s).
	Δ.	legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
		☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.
	_	Enclosed.
NOTE	the U.	the filing is a completion in the U.S. of an International Application or where the completion of 5. application contains subject matter in addition to the International Application, the application 6 treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE EW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.
		Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).
		(New Application Transmittal [4-1]—page 4 of 11)

<u>4-6</u>

(The declaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
6. Inventorship Statement
WARNING: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inventorship for all the claims in this application are:
XXX The same.
or
□ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
is submitted.
will be submitted.
7. Language
NOTE: An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. § 1.52(d).
XXX English
☐ Non-English
The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).
8. Assignment
An assignment of the invention to Pace Micro Technology Plc
X is attached. A separate TOVER SHEET FOR ASSIGNMENT (DOCU-MENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.
will follow.
NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).
WARNING: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed:when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

(New Application Transmittel: [4-1]:--page 5 of 11)





9. Certified Copy

Certified copy(les) of app	lication(s)			
U.K.	991198	9.3		5/25/99
Country	Appln. No	•		Filed
Country	Appln. No) .		Filed
Country	Appln. No	·.		Filed
from which priority is claim	ed			
is (are) attached.	,			
XXX will follow.				,
NOTE: The foreign application declaration. 37 C.F.R. §		aim for	priority must b	ne referred to in the oath or
§ 120 is itself entitled to	national Application from who priority from a prior foreign	ich this applica	s application cla ation, then com	directly relates. If any parent aims benefit under 35 U.S.C. plete item 18 on the ADDED PRIOR U.S. APPLICATION(S)
10. Fee Calculation (37 (A. XX Regular applicat				
	CLAIMS AS F	ILED		
Number filed	Number Extra	l	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$760.00
Total	A. A. Marie & M. C.			
Claims (37 C.F.R. § 1.16(c))	- 20 =	×	\$ 18.00	
Independent				
Claims (37 C.F.R.				
§ 1.16(b))	<u>- 3 = </u>	<u>×</u>	\$ 78.00	
Multiple dependent claim(s if any (37 C.F.R. § 1.16(d)		+	\$260.00	
☐ Amendment car	ncelling extra claims is	enclo	osed.	
	eting multiple-depende			1 .
	aims is not being paid		_	
NOTE: If the fees for extra clair prior to the expiration	ns are not paid on filing they i	nust be	paid or the cla	ims cancelled by amendment and Trademark Office in any
nouse of too contacto	Filing Fee Calculati	on		\$ 690.00
B. Design applicat (\$310.00—37 C				
-	Filing Fee Calculati	ion		•

(New Application Transmittal [4-1]—page 6 of 11)

4-8

C.		Plant application (\$480.00—37 C.F.R. § 1.16(g))				
		Filing fee calculation \$				
11.	Sma	Il Entity Statement(s)				
		Statement(s) that this is a filing by a small entity under 37 C.F.R. § 1.9 and 1.27 is (are) attached.				
WA	RNING	"Status as a small entity must be specifically established in each application or patent in which the status is available and desired. Status as a small entity in one application or patent does not affect any other application or patent, including applications or patents which are directly or indirectly dependent upon the application or patent in which the status has been established. The refiling of an application under § 1.53 as a continuation, division, or continuation-in-part (including a continued prosecution application under § 1.53(d)), or the filing of a reissue application requires a new determination as to continued entitlement to small entity status for the continuing or reissue application. A nonprovisional application claiming benefit under 35 U.S.C. § 119(e), 120, 121, or 365(c) of a prior application, or a reissue application may rely on a statement filed in the prior application or in the patent if the nonprovisional application or the reissue application includes a reference to the statement in the prior application or in the patent or includes a copy of the statement in the prior application or in the patent and status as a small entity is still proper and desired. The payment of the small entity basic statutory filing fee will be treated as such a reference for purposes of this section." 37 C.F.R. § 1.28(a)(2).				
WA	RNING	3: "Small entity status must not be established when the person or persons signing the statement can unequivocally make the required self-certification." M.P.E.P., § 509.03, 6th ed., rev. 2, July 1996 (emphasis added).				
		(complete the following, if applicable)				
	☐ Status as a small entity was claimed in prior application					
		is being claimed for this application under:				
	35 U.S.C. § □ 119(e), □ 120,					
□ 121,						
		□ 365(c),				
		and which status as a small entity is still proper and desired.				
		☐ A copy of the statement in the prior application is included.				
		Filing Fee Calculation (50% of A, B or C above)				
		\$				
NO	8	Any excess of the full fee paid will be refunded if small entitly status is established and a refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under § 1.136. 37 C.F.R. § 1.28(a).				
12.	Req	ruest for International-Type Search (37 C.F.R. § 1.104(d))				
		(complete, if applicable)				
		Please prepare an international-type search report for this application at the time when national examination on the merits takes place.				





13. Fee Рауг	nent Being Made at This Time	
☐ Not	Enclosed	
Ö	No filling fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. subsequently.)	§ 1.16(e) can be paid
XK End	closed	
ΚX	Filing fee	\$ 690.00
£ Zk	Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$
	Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	\$
	For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$
	Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$
	Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$
failing 37 C.f either	F.R. § 1.21(f) establishes a fee for processing and retaining any ap to complete the application pursuant to 37 C.F.R. § 1.53(f) and to F.R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the ber the basic filing fee must be paid, or the processing and retention 1 year from notification under § 53(f).	this, as well as the changes to nefit of a prior U.S. application,
	Total fees enclosed	<u>\$ 730.00</u>
	of Payment of Fees	
X ⊠ Ch	neck in the amount of \$ 730.00	-
	narge Account No.	_ in the amount of
	duplicate of this transmittal is attached.	
NOTE: Fees § 1.2	should be itemized in such a manner that it is clear for which purpo 2(b).	ose the fees are paid. 37 C.F.R.

(New Application Transmittal [4-1]—page 8 of 11)



15. Authorization to Charge Additional Fees

WARNING: If no fees are to be paid on filing, the following items should not be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

XX 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

x☑ 37 C.F.R. § 1.17(a)(1)–(5) (extension fees pursuant to § 1.136(a)).

XX 37 C.F.R. § 1.17 (application processing fees)

NOTE: ". . A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of time in any concurrent reply requiring a petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).

☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).

NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . the issue fee. . . " From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

(New Application Transmittal [4-1]—page 9 of 11)







16. Instructions as to Overpayment

a reasonable time, nor will the be returned by check or, if t	e dollars or less will not be returned unless apecifically requested within e payer be notified of such amounts; amounts over twenty-five dollars may requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).
Credit Account No. Refund	08-1500

Reg. No. 32,840

Tel. No. (91% 587-2000

Customer No.

SKGNATURE OF PRACTITIONER

Mark G. Kachigian

(type or print name of attorney)

228 West 17th Place

P.O. Address

Tulsa, OK 74119

(New Application Transmittal [4-1]—page 10 of 11)



XX Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

⊠ K	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
	Number of pages added1
	Plus Added Pages for Papers Referred to in Item 4 Above
	Number of pages added
	Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application
	Number of pages added
	Plus "Assignment Cover Letter Accompanying New Application"
	Number of pages added
State	ment Where No Further Pages Added
	no further pages form a part of this Transmittal, then end this Transmittal with is page and check the following item)
	This transmittal ends with this page.

18. Relate Back—35 U.S.C. § 119 Priority Claim for Prior Applicat	18.	Relate Back—35	U.S.C. § 1	l 19 Priority	/ Claim for I	Prior Application
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FORM 4-1.1

		n(s), including any prior internation om 17B, in turn itself cialm(s) fo	
,	•	9911989.3	
	Country	Appln. no.	Filed on
The cert	tified copy(les) h	as (have)	
	** •	, in prior application () /, which was
XΧ	IS (BYO) ZONZETNO	g. will follow.	·
WARNING	the International E application in the application comm a U.S. serial numb stage is not enter prosecution of a documents from to to request transferenter and make a the priority documents.	y of the priority application that may habite an expension of the priority application. This is so be nunleated by the International Bureau is per unless the national stage is entered. So red. Therefore, such certified copies may continuing application. An alternative we the folders and transfer them to the continuing, retrieve the folders, make suitable recorded of such copies in the Continuing ments. In. folders. of International application relied on. Notice of April 28, 1987 (10	need to file a certified copy of the priority occuse the certified copy of the priority of placed in a folder and is not assigned such folders are disposed of if the national sy not be available if needed later in the build be to physically remove the priority build application. The resources required and notations, transfer the certified copies, Application are substantial. Accordingly, thous that have not entered the national
19. Mai	intenance of (Copendency of Prior Applic	ation
re		the papers constituting the filing of	orior application extending the term for the continuation application. Notice of
A. 🗆	Extension of til	me in prior application	
(This		completed and the papers filed period set in the prior application	
	A petition, fee until	and response extends the term	in the pending prior application
	☐ A copy of	the petition filed in prior applic	ation is attached.
B. 🗆	Conditional Pe	tition for Extension of Time in F	Prior Application:
	(compl	ete this item, if previous item n	ot applicable)
		•	being filed in the pending prior
	☐ A copy of	the conditional petition filed in	the prior application is attached.
	(Added Page	e for Application Transmittal Where Be	nefit of Prior U.S. Application(s) Claimed [4-1.1]—page 3 of 5)